

Request for Council Action

Originator Engineering	Item Adopt a resolution to order Signal Optimization and ITS Project (City Project 2016-202)
Agenda Section Public Hearing Transportation	Date 4/4/2016

Description

On March 21, 2016, the City Council ordered the preparation of a feasibility study for the Signal Optimization and Intelligent Transportation Systems (ITS) Project (City Project 2016-202). The proposed project will efficiently manage traffic on the local street system by retiming and coordinating the existing signal systems. These improvements will reduce average fuel consumption and emissions by improving traffic mobility, decreasing travel times, traffic delays, and number of vehicle stops at signalized intersections. Corridors included in the Signal Optimization project include American Boulevard, West Bush Lake Road, 98th Street, Lyndale Avenue, 86th Street, 90th Street, and certain South Loop District roads.

The estimated total project cost is \$1,120,000. The City received \$896,000 in Federal funds through the Congestion Mitigation and Air Quality (CMAQ) Improvement Program. The remaining project costs, estimated to be \$224,000, will be funded through a combination of Municipal State Aid funds and City Fund 4130.

A feasibility report is included with the agenda materials.

Prepared by: Jen Desrude (Engineering Development Coordinator)

Presented by: Amy Marohn (Civil Engineer – Traffic and Transportation)

Requested Action

Staff recommends:

- Approving the enclosed feasibility report; and
- Adopting a resolution to order 2016-202 Signal Optimization and ITS Project

Attachments:

Resolution
Feasibility Study
2016-202 Location Map
Citywide Signal Optimization Plan